

UNIVERSAL ROUTINE FOR
REVIEWING AND EXERCISING SOFTWARE OBJECTS

Abstract of the Invention

A universal routine is controlled through a user interface, or through an engine command processor
5 when using a recorded file, and implements logical operations for reviewing and testing objects in
the program. Through the user interface the reviewer selects objects to be exercised and exercises
them with selected methods and parameters. The object under review is cocreated so that the
cocreated object is exercised. The reviewer selects parameters, if any, for use by the selected method
in the object when the selected method is invoked. The selected method on the object is called; the
10 parameters for the method are retrieved and the method is invoked. In effect the object under review
is sent a message containing a selected method to be performed with selected parameters. The result
of exercising the object with the selected method and selected parameters is logged for review. A
dialog between the user/reviewer and the objects under test continues until all objects to be reviewed
have been exercised.